

Amendments to the Abstract

Please amend the original abstract (page 25) as follows.

ABSTRACT

b1 In a A signal processor performs according to the present invention, as shown in figure 1, error correction ~~is performed~~ on data which has been subjected to predetermined signal processing, for each predetermined block unit, by an error correction block ~~152~~, in parallel with ~~the~~ an operation of sequentially storing the data in a cache memory ~~16~~. Then, error detection is performed on the data for each predetermined block unit by a descrambling/error detection block ~~153~~, and the data is stored in a buffer memory ~~14~~. Based on the results of the error detection and the error correction, when there exists some error in the data, the data with the error, which is stored in the buffer memory ~~14~~, is read out to be subjected to error correction again. When there is no error, the data corresponding to one block and stored in the buffer memory ~~14~~ is transmitted to a host computer ~~13~~ without performing error correction again.